

Career Pathway: Transportation, Distribution, & Logistics

<p>Get the Facts A Transportation, Distribution & Logistics profession is a skilled professional who specializes in the planning, management and movement of people, materials and products by road, air, rail and water, and usually work with infrastructure, planning and management, logistics and maintenance of equipment and facilities. Certifications are available through Automotive Service Excellence (ASE) and National Automotive Technicians Education Foundation (NATEF) among other organizations.</p> <p>Workforce Trends With the continuous need of skilled and knowledgeable employees in the transportation industry, this pathway will help provide employees that are trained and work ready.</p> <p>With a current annual growth rate of 11.2%, the demand for individuals with transportation skills continues to increase in Montana.</p>	CAREER AND TECHNICAL EDUCATION			<p>Careers in Transportation, Distribution & Logistics are:</p> <ul style="list-style-type: none"> • High demand, high skill, and high wage <p>Career Examples</p> <ul style="list-style-type: none"> • Pilot • Certified Flight Instructor • Collision Repair Technician • Auto Technician • Heavy Equipment Operator • Diesel Technician • Air Traffic Controller • Locomotive Engineer • Forklift Operator • Avionics Technician <p>According to the Montana Department of Labor and Industry, the average median hourly wage for occupations within the Transportation Career Pathway is \$20.82.</p>	
	Recommended Pathway Courses				
	Students may select individual courses for exploration or a complete Pathway for an in-depth focus				
	CLASS AVAILABILITY MAY VARY AT YOUR SCHOOL				
	Course #	Foundation Courses (required)	Credit		} 1.0 credit
	20110	Small Engine Mechanics	.50/1.0		
	13003	Industrial Arts	.50/1.0		
	20106	Automotive Service	.50/1.0		
	13102	Electro-Mechanical Systems	.50/1.0		
	Elective Courses				} 1.0 credit
	12053	Entrepreneurship	.50		
	20104	Automotive Mechanics Comprehensive	.50		
	20115	Automotive Detailing and Reconditioning	.50		
	20107	Diesel Mechanics Comprehensive	.50		
	13203	Machining	.50		
20112	Heavy Equipment Mechanics	.50			
20148	Mechanics & Repair—Workplace Experience	.50			
21107	CAD Design and Software	.50			
<p>Foundation courses taken beyond the required credits can be used as elective credit.</p> <p>Additional CTE Credits are recommended for Pathway completion</p>			} 2.0 credits for completion		

State Graduation Requirements		Suggested High School Plan of Study				College and Career
High School <i>Administrative Rules of Montana 10.55.905</i>		9th Grade Suggested	10th Grade Suggested	11th Grade Suggested	12th Grade Suggested	Beyond High School
English/Language Arts	4.0	English 9 1.0	English 10 1.0	English 11 1.0	English 12 1.0	<p>There are many options for education and training beyond high school, depending on career goals.</p> <ul style="list-style-type: none"> • Certificate • Associate degree • Bachelor's degree • Professional degree • On-the-job training • Apprenticeship • Military training <p>For more information on salary projections, labor market demand, and training options, visit lmi.mt.gov.</p>
Mathematics	2.0	Math* 1.0	Math* 1.0	Math* 1.0	Math* 1.0	
Social Studies	2.0	Social Studies* .50/1.0	Social Studies* .50/1.0	U.S History 1.0	U.S. Government 1.0	
Science	2.0	Earth Science 1.0	Biology 1.0	Science Elective*		
Health Enhancement	1.0	P.E./Health* .50	P.E./Health* .50	P.E./Health Electives*		
Arts	1.0	Arts Courses* 1.0				
Career and Technical Education	1.0	Pathway Foundation Course .50/1.0	Pathway Foundation Course .50/1.0	Pathway Elective Course .50/1.0	Pathway Elective Course .50/1.0	
Work-Based Learning		Participation in a Pathway-related work-based learning experience				
Career and Technical Student Organization		SkillsUSA or TSA				
<ul style="list-style-type: none"> *Talk to your school counselor about requirements in the core curriculum. Core curriculum and elective requirements vary district to district. Many CTE courses may qualify for dual enrollment credit, which in some cases may earn up to 1.0 credit toward Pathway completion. Talk to your school counselor about availability. 		<ul style="list-style-type: none"> Dual enrollment course offerings vary by school and district. Many Montana post-secondary programs accept high school courses toward a two- and four-year degree through dual enrollment. Check with post-secondary campuses for details. 				